

Work Order ID 52142

Thursday, September 17, 2009 9:02:41 AM



Page 1

Item ID: D209-669-013

Accept



Setup Start



Revision ID: B

Stop



Item Name: Skidtube LH

Start Date: 9/18/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/9/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

Date:

09-9-17

Tooling:

Date:

Run

Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D209-669-013	Rev B								
DSI 9450	Rev A								

100

0.00



DC

DOCUMENT CONTROL

Memo

0.00

Document Control

Photocopy bluefile & type labels per PPP d209-669-013 CHG003

5/09/10/05

110

0.00



Packaging

Pick Kit

Memo

0.00

Packaging

PC 9/14/05 (1)

52115

Picklist Print

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Page 1

10

Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D209-669-043RevB Manufactured No

110

Each

3.0000

1.0000



Replacement Skidtube



52115

9/17/09

Warehouse

Loc Qty

Loc Code

Location

Premier

Mezz

3

22797

1

39205

1

39206

1

D2917-1RevB Manufactured No

110

Each

0.0000

2.0000



Saddle LH

D2918-1RevB Manufactured No

110

Each

3.0000

2.0000



Saddle LH

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

3

43755

1

51329

2

52127 SP

52131

52130

9/10/09

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH


Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN4-51A  Bolt		Purchased	No			110	Each	354.0000	8.0000			

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	354	
110328	2	
111635	102	
112314	100	
112489	100	
112641	50	

M/12314

D2570RevB

Manufactured No

110

Each

139.0000

24.0000



Bushing



B52214 9/14/05 @

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	15	
47246	15	
Main Warehouse		
ST36	124	
50356	124	

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L4 		Purchased	No			110	Each	8,148.000	24.0000			
Nut												

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

8148

107499

5

108145

4

110450

1

110507

184

111827

5996

112314

1893

15924

0

7690

24

8182

41

M/12314

AN5-36A

Purchased

No

110

Each

555.0000

4.0000

Bolt

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

555

109545

11

110467

7

110731

4

112243

20

112314

463

112385

50

M/12314

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Work Order ID: 52142

Parent Item: D209-669-013RevB

Parent Item Name: Skidtube LH


Comments:


Start Date: 9/18/2009

Required Date: 10/9/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD516  Washer		Purchased	No			110	Each	1,097.000	8.0000			

M112794 

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	1097	
100564	2	
106167	6	
107534	34	
107959	43	
108246	46	
108672	2	
109059	49	
109752	22	
110363	46	
110523	57	
111279	43	
112082	247	
112314	500	

MS21042L5



Nut

Purchased

No

110

Each

1,279.000 4.0000



C 9/10/5

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	1279	
110382	10	
111636	269	
112314	1000	

M111636

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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AN4-7A		Purchased	No			110	Each	201.0000	16.0000			
--------	--	-----------	----	--	--	-----	------	----------	---------	--	--	--



Bolt



M112720 9X 609/1-8
M112794 34

Warehouse
Location

Loc Qty

Loc Code

Main Warehouse

ST

201

111668

1

112314

50

112385

50

112641

100

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH


Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
AN960JD416  Washer		Purchased	No			110	Each	8,313.000	32.0000	✓		

Lo

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	8313
102929	2
105906	4
106277	2
107321	23
107939	114
108161	553
108827	31
109249	69
110523	340
111279	101
111916	2187
112314	4887
16941	0

2111916

D2929RevB

Manufactured No



Spacer

110 Each 15.0000 2.0000



B52 243

Lo 9/14/05

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST	15
43376	15

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
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D2930RevB		Manufactured	No			110	Each	11.0000	2.0000			
Spacer												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

11

43378

11

D3405-041RevB		Manufactured	No			110	Each	10.0000	1.0000			
Lug Assembly												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

10

51254

10

AN4C47A		Purchased	No			110	Each	222.0000	4.0000			
Bolt												

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

222

110847

4

112431

18

112489

100

112641

100

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	--------------------------	---------------	----------------	--------

MS21043-4 		Purchased	No			110	Each	1,397.000	5.0000			
---------------	--	-----------	----	--	--	-----	------	-----------	--------	--	--	--

Nut

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
OFFSHORE		
FG	40	
104603	40	
Main Warehouse		
ST	1357	
111819	35	
112243	22	
112314	1000	
112492	300	

D3405-043RevB 		Manufactured	No			110	Each	12.0000	1.0000			
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Lug Assembly

<u>Warehouse</u> <u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
Main Warehouse		
ST	12	
46589	1	
46863	1	
51255	10	

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH

Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D3407-041RevE		Manufactured	No			110	Each	35.0000	1.0000			
Tow Ring												

Warehouse Loc Qty Loc Code

Location

OFFSHORE

FG

3

35780

3

Main Warehouse

ST

1

48356

1

Main Warehouse

ST464

31

51659

31

51659

D3456-1RevA

Manufactured No

110

Each

232.0000

1.0000



Washer



51659

Warehouse

Loc Qty

Loc Code

Location

OFFSHORE

FG

7

25701

7

Main Warehouse

ST

225

46752

25

51653

200

51653

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Work Order ID: 52142



Parent Item: D209-669-013RevB



Parent Item Name: Skidtube LH




Start Date: 9/18/2009

Required Date: 10/9/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S D3417-5RevE  Washer		Manufactured	No			110	Each	152.0000	2.0000		 9/14/09	

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

ST

152

51649

152

51649

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 32142

INSTRUCTIONS:

1) FOR D209-669-011/-012/-013/-014 SKID TUBES @ CHANGE 003 AND SUBSEQUENT, MODIFY THE FOLLOWING:

- a) REPLACE THE D2968-041 TOW RING WITH THE D3407-041 TOW RING ASSEMBLY.
- b) REPLACE THE D2736-1 AND D2736-3 GHW LUGS WITH THE D3405-041 AND D3405-043 LUG ASSEMBLIES.
- c) AMEND THE PARTS LIST IN SECTION 5.0 OF INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B AS SHOWN ON PAGE 2 OF THIS DSI.

NOTE: ALL INSTALLATION FASTENERS FOR THE ABOVE CHANGES HAVE BEEN UPDATED. SEE THE AMENDED PARTS LIST ON PAGE 2 FOR DETAILS.

A	NEW ISSUE	AJS	09.02.24
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 1 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24	COPYRIGHT © 2009 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

5.0 PARTS LIST

52142

ITEM	QTY -011	QTY -012	QTY -013	QTY -014	QTY -041	QTY -043	PART NUMBER	DESCRIPTION
	X						D209-669-011	SKIDTUBE INSTALLATION, LH (AH-1W/J)
		X					D209-669-012	SKIDTUBE INSTALLATION, RH (AH-1W/J)
			X				D209-669-013	SKIDTUBE INSTALLATION, LH (AH-1P/F/S)
				X			D209-669-014	SKIDTUBE INSTALLATION, RH (AH-1P/F/S)
	1	1			X		D209-669-041	REPLACEMENT SKIDTUBE (AH-1W/J)
			1	1		X	D209-669-043	REPLACEMENT SKIDTUBE (AH-1P/F/S)

IS:

50	4	4	1	1			D3405-041	LUG ASSEMBLY
51	8	8	4	4			AN4C47A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21043-4	NUT
54			1	1			D3405-043	LUG ASSEMBLY
60	1	1	1	1			D3407-041	TOW RING ASSEMBLY
61	1	1	1	1			D3456-1	WASHER
62	1	1	1	1			MS21043-4	NUT
63	2	2	2	2			D3417-5	WASHER

WAS:

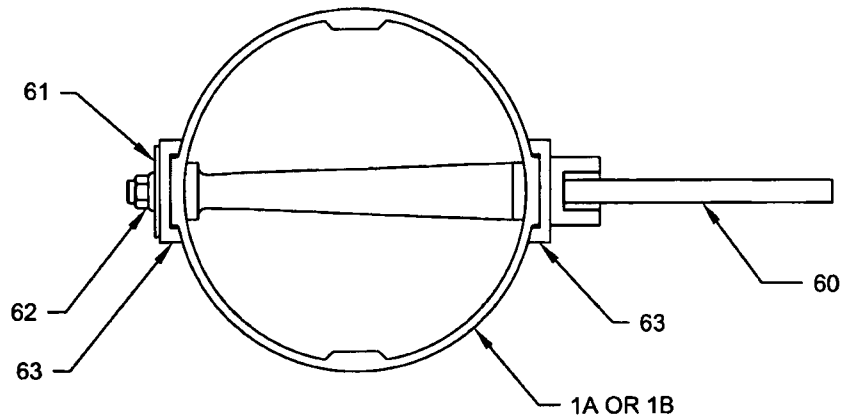
50	4	4	1	1			D2736-1	GHW LUG
51	8	8	4	4			AN4-46A	BOLT
52	16	16	8	8			D2570	BUSHING
53	8	8	4	4			MS21042L4	NUT (OR MS21042-4)
54			1	1			D2736-3	GHW LUG
60	1	1	1	1			D2968-041	TOW RING
61	1	1	1	1			AN970-4	WASHER
62	1	1	1	1			MS21042L4	NUT (OR MS21042-4)

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 2 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
DATE	09.02.24	<small>COPYRIGHT © 2009 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD</small>	

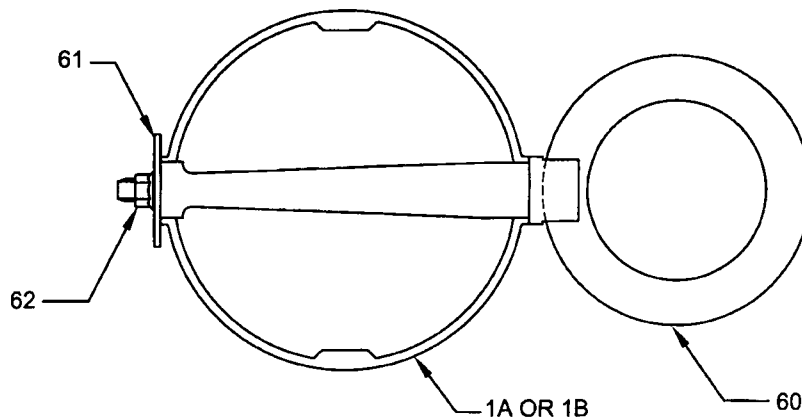
INSTALL TOW RING ASSEMBLY AS SHOWN BELOW (REFER TO SECTION F-F OF IIN-D209-669 REV. B.

52142

IS:



WAS:



NO PICTORIAL CHANGE REQUIRED FOR GROUND HANDLING WHEEL LUG CHANGES.

DESIGN	AJS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9450	SHEET 3 OF 3
APPROVED		TITLE	SCALE
DE APPR.		SKIDTUBE INSTALLATIONS	NTS
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